

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/675,470A  
Source: IFW16  
Date Processed by STIC: 4/29/05

***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 04/29/2005

PATENT APPLICATION: US/10/675,470A

TIME: 12:06:59

Input Set : E:\SEQUENCE LISTING-revised 2.txt

Output Set: N:\CRF4\04292005\J675470A.raw

## SEQUENCE LISTING

## 3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Joseph W Harding and John W Wright

6 (ii) TITLE OF INVENTION: AT4 Ligands as Anti-Angiogenic and Anti-Tumor Agents

7 (iii) NUMBER OF SEQUENCES: 5

8 (iv) CORRESPONDENCE ADDRESS:

9 (A) ADDRESSEE: Pacific Northwest Biotechnology, Inc.

10 (B) STREET: SE 745 Derby Street

11 (C) CITY: Pullman

12 (D) STATE: Washington

13 (E) COUNTRY: United States of America

14 (F) ZIP: 99163

15 (v) COMPUTER READABLE FORM:

16 (A) MEDIUM TYPE: CD, 700MB

17 (B) COMPUTER: PC

18 (C) OPERATING SYSTEM: WINDOWS XP

19 (D) SOFTWARE: OFFICE WORD

20 (vi) CURRENT APPLICATION DATA:

C--&gt; 21 (A) APPLICATION NUMBER: US/10/675,470A

C--&gt; 22 (B) FILING DATE: 30-Sep-2003

23 (C) CLASSIFICATION: 530/300

24 (viii) ATTORNEY/AGENT INFORMATION:

25 (A) NAME: John Hughs

26 (B) REGISTRATION NUMBER: 47,236

27 (ix) TELECOMMUNICATION INFORMATION:

28 (A) TELEPHONE: (509) 335-7927; (509) 332-3178

29 (B) TELEFAX: (509) 335-4650

31 (2) INFORMATION FOR SEQ ID NO: 1:

32 (i) SEQUENCE CHARACTERISTICS:

33 (A) LENGTH: 4 amino acids

34 (B) TYPE: amino acid

35 (D) TOPOLOGY: linear

36 (ii) MOLECULE TYPE: peptide

37 (v) FRAGMENT TYPE: N-terminal

38 (ix) FEATURE:

39 (D) OTHER INFORMATION: Xaa is norleucine

40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

W--&gt; 41 Xaa Tyr Ile His

43 (2) INFORMATION FOR SEQ ID NO: 2:

44 (i) SEQUENCE CHARACTERISTICS:

45 (A) LENGTH: 4 amino acids

46 (B) TYPE: amino acid

47 (D) TOPOLOGY: linear

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48 (ii) MOLECULE TYPE: peptide  
49 (v) FRAGMENT TYPE: N-terminal  
50 (ix) FEATURE:  
51 (D) OTHER INFORMATION: Xaa(1) is norleucine; Xaa(4) is 6-aminohexanoic  
52 acid; amidation  
53 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
W--> 54 Xaa Tyr Ile Xaa  
55 (2) INFORMATION FOR SEQ ID NO: 3:  
56 (i) SEQUENCE CHARACTERISTICS:  
57 (A) LENGTH: 6 amino acids  
58 (B) TYPE: amino acid  
59 (D) TOPOLOGY: linear  
60 (ii) MOLECULE TYPE: peptide  
61 (v) FRAGMENT TYPE: N-terminal  
62 (ix) FEATURE:  
63 (D) OTHER INFORMATION: Xaa(1) is Norleucine  
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
W--> 65 Xaa Tyr Ile His Pro Phe  
66 5  
67 (2) INFORMATION FOR SEQ ID NO: 4:  
68 (i) SEQUENCE CHARACTERISTICS:  
69 (A) LENGTH: 6 amino acids  
70 (B) TYPE: amino acid  
71 (D) TOPOLOGY: linear  
72 (ii) MOLECULE TYPE: peptide  
73 (v) FRAGMENT TYPE: N-terminal  
74 (ix) FEATURE:  
75 (D) OTHER INFORMATION: Xaa is norleucine; Leu(3)-His(4) has a methylene bond  
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
W--> 77 Xaa Tyr Leu His Pro Phe  
78 5  
79 (2) INFORMATION FOR SEQ ID NO: 5:  
80 (i) SEQUENCE CHARACTERISTICS:  
81 (A) LENGTH: 6 amino acids  
82 (B) TYPE: amino acid  
83 (D) TOPOLOGY: linear  
84 (ii) MOLECULE TYPE: peptide  
85 (v) FRAGMENT TYPE: N-terminal  
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
87 Val Tyr Ile His Pro Phe  
88 5  
89  
90  
91